

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	10/791924 and truncat\$3	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/17 11:09
S2	361	(equalizer or filter) with (coefficient or parameter) with truncat\$3	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/17 11:11
S3	288	S2 and (@pd<="20040302" OR @ad<="20040302" OR @lad<="20040302" OR @prad<="20040302")	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/17 11:13
S4	18	S3 and (most near2 significant near2 (coefficient or tap or parameter))	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/17 11:19
S5	0	(multiply\$3 or product) with ((invert\$3 or inverse) near2 (channel near2 (response or estimat\$3 or characteristic\$1))) with (shap3 near2 vector)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/17 14:26
S6	0	(multiply\$3 or product) with ((invert\$3 or inverse) near2 (channel near2 (response or estimat\$3 or characteristic\$1))) with (pulse shaping)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/17 14:27
S7	0	(multiply\$3 or product) with ((invert\$3 or inverse) near2 (channel near2 (response or estimat\$3 or characteristic\$1))) with (shaping)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/17 14:27

S8	1	(multiply\$3 or product) with ((invert\$3 or inverse) near2 channel) with (shaping)	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/17 14:27
S9	5	((invert\$3 or inverse) near2 channel) with (pulse shaping)	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/17 14:28
S10	0	(equaliz\$5 near4 (tap or coefficient)) and (((invert\$3 or inverse) near2 channel) same (pulse shaping))	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/17 14:31
S11	0	(filter near4 (tap or coefficient)) and (((invert \$3 or inverse) near2 channel) same (pulse shaping))	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/17 14:32
S12	7	(((invert\$3 or inverse) near2 channel) same (pulse shaping))	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/17 14:32
S13	649	generat\$3 with channel with pulse near2 shap \$3	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/17 14:35
S14	10	generat\$3 with channel with pulse near2 shap \$3 with (coefficient or tap)	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/17 14:36
S15	1	(((invert\$3 or inverse) near2 channel) same (pulse (map or mapping)))	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/17 14:43
S16	1	10/791924 and truncat\$3	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/17 18:50

S17	228	(precompensat\$3 or pre\$1compensat\$3) near3 (filter or equalizer)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/17 19:05
S18	158	S17 and (@pd<="20040302" OR @ad<="20040302" OR @ld<="20040302" OR @prad<="20040302")	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/17 19:06
S19	9	S18 and (channel near5 (invert\$3 or inverse))	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/17 19:06
S20	270	truncat\$3 with (filter near3 (tap or coefficient))	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/17 19:15
S21	14	S20 and (channel near5 (invert\$3 or inverse))	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/17 19:15

## EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	((inverse or invert\$3) near3 channel) with multipl\$4 with (pulse near2 (mapping or map\$3 or shap\$3)) same ((truncat\$3 or drop \$4 or eliminat\$3) with (tap or coefficient))	USPAT; UPAD	ADJ	ON	2009/09/25 09:35
L2	1	((inverse or invert\$3) near3 channel) with multipl\$4 with (pulse near2 (mapping or map\$3 or shap\$3))	USPAT; UPAD	ADJ	ON	2009/09/25 09:35
L3	0	((inverse or invert\$3) near3 channel) with (tap or coefficients) with (pulse near2 (mapping or map\$3 or shap\$3))	USPAT; UPAD	ADJ	ON	2009/09/25 09:36
L4	2	((inverse or invert\$3) near3 channel) with (filter or equalizer) with (pulse near2 (mapping or map\$3 or shap\$3))	USPAT; UPAD	ADJ	ON	2009/09/25 09:36

S22	7923	375/229,232,295,296,346,241,242,243,253,254.cds. or 708/322,323,506.cds. or 333/20.cds.	USPAT; UPAD	ADJ	ON	2009/09/24 15:07
S23	7105	S22 and (@pd<="20040302" OR @ad<="20040302" OR @lad<="20040302" OR @prad<="20040302")	USPAT; UPAD	ADJ	ON	2009/09/24 15:08
S24	0	S23 and (multipl\$4 with (((invert\$2 or invers\$3) near2 channel) with mapping)	USPAT; UPAD	ADJ	ON	2009/09/24 15:09
S25	1	S23 and (multipl\$4 with (((invert\$2 or invers\$3) near2 channel) with pulse)	USPAT; UPAD	ADJ	ON	2009/09/24 15:09
S26	6	S23 and (multipl\$4 with (((invert\$2 or invers\$3) near2 channel) with vector)	USPAT; UPAD	ADJ	ON	2009/09/24 15:11
S27	0	S23 and (multipl\$4 with (((invert\$2 or invers\$3) near2 channel) with (equalizer near2 coefficient))	USPAT; UPAD	ADJ	ON	2009/09/24 15:15
S28	3	S23 and (multipl\$4 with (((invert\$2 or invers\$3) near2 channel) with (coefficient))	USPAT; UPAD	ADJ	ON	2009/09/24 15:15

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